

# United States Department of Commerce National Institute of Standards and Technology

## **\*Demonstrated Areas of Proficiency**

### **Mass**

Echelon II

30 kg - 1 mg

Echelon III

25 kg - 1 mg

6000 lb - 0.001 lb

### **Volume**

Volume transfer

2000 gal - 1 fl oz

2 L - 10 mL

### **Length**

Steel tapes

100 ft - 2 ft

Rigid rules

18 in - 1 in

### **Temperature**

Echelon III

Liquid-in-glass thermometers

-0.8 °C - 105 °C

### **Frequency**

Tuning forks

1000 Hz - 10,000 Hz

~ Certificate of Measurement Traceability ~  
for

# Virginia

a participant in the NIST Weights and Measures  
Measurement Assurance Program for the Year(s)

# 2006-2007

**The State standards are traceable to NIST and the laboratory  
has demonstrated\* measurement proficiency through training  
and interlaboratory comparisons.**



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*Effective Date*

